

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number  
WO 2005/047456 A2

(51) International Patent Classification: C12N

(21) International Application Number:  
PCT/IB2004/004407

(22) International Filing Date:  
15 November 2004 (15.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10352977.2 13 November 2003 (13.11.2003) DE

(71) Applicant (for all designated States except US): H3  
PHARMA INC. [CA/CA]; 666 Sherbrooke Street West,  
Suite 1400, Montreal, Quebec H3A 1E7 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): VOLLMERS,  
Heinz, Peter [DE/DE]; Budapest Strasse 23, 97084  
Würzburg (DE). MÜLLER-HERMELINK, Hans,  
Konrad [DE/DE]; Heinrich-Zeuner-Strasse 72, 97084  
Würzburg (DE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,  
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished  
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

WO 2005/047456 A2

(54) Title: ANTI-IDIOTYPE ANTIBODIES OF THE HUMAN MONOCLONAL ANTIBODY SC-1, AND THEIR PRODUCTION AND USE

(57) Abstract: The invention features anti-idiotype antibodies of the human monoclonal antibody SC-1, as well as methods for producing and using the anti-idiotype antibodies.